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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/669,692	09/25/2003	Brian T. Murphy	30014200-1206	4443
58328 7590 08/17/2009 SUN MICROSYSTEMS C/O SONNENSCHN NATH & ROSENTHAL LLP P.O. BOX 061080 WACKER DRIVE STATION, WILLIS TOWER CHICAGO, IL 60606-1080				
EXAMINER				
HAMZA, FARUK				
ART UNIT		PAPER NUMBER		
2455				
MAIL DATE		DELIVERY MODE		
08/17/2009		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/669,692

Applicant(s)

MURPHY ET AL.

Examiner

FARUK HAMZA

Art Unit

2455

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 October 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 80-93 is/are pending in the application.
- 4a) Of the above claim(s) 80-82, 85-88, 91 and 93 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 83-84, 89, 90 and 92 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to the communication filed on October 06, 2008. Claims 83-84, 89-90 and 92 have been amended. Claims 1-79 were canceled and 80-82, 85-88, 91 and 93 were withdrawn previously. The applicant is respectfully requested to cancel the withdrawn claims. Claims 80-93 are pending.

Claim Rejections - 35 USC § 101

2. Claims 83-84 and 89-90 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 83-84 and 89-90 embrace or overlap two separate statutory classes of invention set forth in 35 U.S.C. 101 in a single claim. A claim of this type is precluded by the express language of 35 U.S.C. 101 which is drafted so as to set forth the statutory classes of invention in the alternative only. Each statutory class of claims must be considered independently on its own merits, see *Ex parte Lyell* (BdPatApp&Int) 17 USPQ2d 1548 *Ex Parte Lyell*.

Claim Rejections - 35 USC § 112

3. Claims 83-84 and 89-90 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims are ambiguously constructed and indeterminate in scope because they purport to claim both a system and method.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 83, 89 and 92 are rejected under 35 U.S.C. 102(e) as being anticipated by Tso et al. (U.S. Patent Number 6,185,625) hereinafter referred as Tso.

As to claim 83, 89 and 92, Tso teaches a method in a distributed system, said system comprising a plurality of lookup services with associated network services, and a client computer having a client lookup manager with an associated cache, the method comprising the steps of the client lookup manager:

receiving, from the client computer, a request to access a network service (Column 18, lines 33-41);

searching the associated cache, for an instance of the requested network service (Column 18, lines 42-51);

returning, when said searching is successful, the instance of the requested network service to the client computer (Column 18, lines 42-51);

sending, when said searching step is unsuccessful, a request to a lookup service identifying the requested network service (Column 18, lines 52-67); and

storing received responses to said request in the associated cache
(Column 19, lines 1-10).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for
all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 84 and 90 are rejected under 35 U.S.C. 103(a) as being
unpatentable over Tso and in view of Mack (U.S. Patent Number 6,192,044)
hereinafter referred as Mack.

As to claim 84 and 90 Tso teaches searching the associated cache
(Column 18, lines 42-51).

Tso does not explicitly teach the claim limitation of searching a table of the
plurality of lookup services and associated network services for the requested
network service.

However, Mack teaches discloses establishing a network phone call
connection between a caller and a callee that employs a look-up service and a
callee connection service (abstract). Mack teaches the claim limitation of
searching a table of the plurality of lookup services and associated network
services for the requested network service (Column 6, lines 35-46).

It would have been obvious to the ordinary skill in the art at the time of the invention to modify they system of Tso by incorporating the teaching of Mack because that would improve method of establishing Internet phone call.

Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention, as well as the context.

Response to Arguments

6. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Faruk Hamza whose telephone number is 571-272-7969. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached at 571-272-4006. The fax

phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 886-217-9197 (toll –free).

Faruk Hamza

Patent Examiner

Group Art Unite 2455

/Faruk Hamza/
Examiner, Art Unit 2455